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GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

Certified Mail No.

DEPARTMENT OF ENVIRONMENTAL QUALITY ENVIRONMENTAL SERVICES

Activity No.: PER20080001
Agency Interest No. 12241

Mr. David Myhan
Market Area General Manager
Waste Management of LA, LLC
1450 Country Club Drive
Jackson, MS 39209

RE: Part 70 Operating Permit
Waste Management of LA LLC - Magnolia Sanitary Landfill
Monroe, Ouachita Parish, Louisiana

Dear Mr. Myhan:

This is to inform you that the permit renewal for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009.

Permit No.: 2160-00075-V3

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary

CSN:sfp
c: EPA Region VI

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Magnolia Sanitary Landfill
Agency Interest No.: 12241
Waste Management of LA LLC
Monroe, Ouachita Parish, Louisiana**

I. Background

Magnolia Sanitary Landfill (Magnolia) is an existing municipal solid waste landfill owned and operated by Waste Management of Louisiana, LLC (WMLA). WMLA began operation of a landfill gas collection system in 1993 under a small source exemption dated August 15, 1993. The landfill obtained Permit Number 2160-00075-00, dated February 28, 1996, for additional extraction wells and a flare. The initial Part 70 Operating Permit No. 2160-00075-V0 was issued to the facility on May 6, 1999. A permit modification, Permit No. 2160-00075-V1, was issued March 21, 2003. The Waste Management of LA LLC - Magnolia Sanitary Landfill currently operates under Permit No. 2160-00075-V2, issued May 25, 2004.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Waste Management of LA LLC on November 6, 2008 requesting a Part 70 operating permit. Additional information dated June 30, 2009 and August 12, 2009 was also received.

III. Description

Magnolia is a municipal solid waste disposal facility. Magnolia receives a variety of non-hazardous solid waste (mostly municipal trash) that is disposed of by landfilling. The landfill is supported by a variety of operations and maintenance-related activities, including operation and maintenance of mobile equipment and other non-mobile equipment powered by internal combustion engines, handling of leachate removed from the landfill prior to disposal, and storage of motor fuels and lubricants.

This permit renewal/modification incorporates the following changes:

- Creation of emissions caps for diesel and gasoline driven engines for operational flexibility;
- Updating of emission rates due to changes in emission factors;
- Updating of inventory information as necessary.

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Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	27.51	21.83	-5.68
SO ₂	8.22	6.82	-1.40
NO _X	45.73	36.94	-8.79
CO	216.69	166.00	-50.69
VOC	17.92	17.59	-0.33

LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
1,1,1-Trichloroethane	0.06	0.03	-0.03
1,1,2,2-Tetrachloroethane	0.17	<0.02	-0.15
1,1-Dichloroethane	0.21	-	-0.21
1,2-Dichloroethane	0.04	0.04	0
1,2-Dichloropropane	0.02	0.02	0
Acetaldehyde	-	0.01	+0.01
Acrylonitrile	0.29	0.233	-0.057
Benzene	0.74	0.60	-0.14
Carbon disulfide	0.05	0.05	0
Carbon tetrachloride	<0.01	-	-0.01
Carbonyl sulfide	0.02	0.03	+0.01
Chlorobenzene	0.03	0.02	-0.01
Chloroethane	0.08	0.07	-0.01
Chloroform	<0.01	<0.02	+0.01
Dichlorobenzene	0.03	0.03	0
Dichloromethane	1.09	0.89	-0.20
Ethyl benzene	0.43	0.37	-0.06
Formaldehyde	-	0.01	+0.01
Hydrochloric acid	-	9.24	+9.24

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LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
Hydrogen sulfide	1.03	0.84	-0.19
Methyl chloride	0.07	0.06	-0.01
Methyl ethyl ketone	0.82	2.01	+1.19
Methyl isobutyl ketone	0.17	0.15	-0.02
Phenol	0.01	-	-0.01
Tetrachloroethylene	0.55	0.46	-0.09
Toluene	2.96	2.44	-0.52
Trichloroethylene	0.33	0.28	-0.05
Vinyl chloride	0.41	0.35	-0.06
Vinylidene chloride	0.02	0.02	0
Xylene (mixed isomers)	1.12	0.95	-0.17
n-Hexane	0.48	0.41	-0.07
Total	11.25	19.653	+8.403

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70 and the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) requirements do not apply.

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit

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condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

VIII. General Condition XVII Activities

Work Activity	Schedule	PM ₁₀	Emission Rates - tons			
			SO ₂	NO _X	CO	VOC
None						

IX. Insignificant Activities

ID No.:	Description	Citation
T-4	New Lube Oil Tank – 1,000 gallons	LAC 33:III.501.B.5.A.3.
T-5	Used Oil Tank – 525 gallons	LAC 33:III.501.B.5.A.3.
T-6	New Lube Oil Tank – 1,000 gallons	LAC 33:III.501.B.5.A.3.
T-7	Diesel Storage Tank – 760 gallons	LAC 33:III.501.B.5.A.3.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III, Chapter																		
		2	5▲	9	11	13	15	2103	2104*	2107	2111	2115	2116*	22	29*	51*	53*	56	59*	
UNF1	Magnolia Sanitary Landfill	1	1	1	1													3	1	3
ARE02	LFG – Landfill Gas Emissions																			
EQT01	M-1A – Landfill Gas Flare																			
EQT11	T-1- Diesel Storage Tank																			
EQT12	T-2 – Gasoline Storage Tank																			
FUG01	M-1 – Landfill Gas Fugitives																			
FUG02	M-5 – Fugitive Particulates																			
FUG03	M-4 – Solidification Basin																			
FUG04	M-2- Leachate Storage and Handling																			
GRP02	M-3 Gas -IC Engines - Gas																			
GRP03	M-3 Diesel -IC Engines- Diesel																			

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

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KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61			40 CFR 63 NESHAP			40 CFR		
		A	K	Ka	Kb	WWW	III	JJJ	A	J	M	A	HH	SS	AAAAA	68
UNF1	Magnolia Sanitary Landfill	1							1		1				3	1
ARE02	LFG – Landfill Gas Emissions								1		1					
EQT01	M-1A – Landfill Gas Flare															
EQT11	T-1- Diesel Storage Tank			3	3	3										1
EQT12	T-2 – Gasoline Storage Tank			3	3	3										
FUG01	M-1 – Landfill Gas Fugitives															
FUG02	M-5 – Fugitive Particulates															
FUG03	M-4 – Solidification Basin															
FUG04	M-2- Leachate Storage and Handling															
GRP02	M-3 Gas –IC Engines – Gas											3				
GRP03	M-3 Diesel –IC Engines- Diesel											3				

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KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
UNF01 – Magnolia Sanitary Landfill	40 CFR 68 – Chemical Accident Prevention Provision [LAC 33:III.Chapter 51]	DOES NOT APPLY. The facility does not have more than the threshold quantity of a regulated substance in a process, as determined under 40 CFR 68.115.
EQT11 - T-1- Diesel Storage Tank	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.Chapter 51]	EXEMPT. The facility emits less than 10 tons per year of any toxic air pollutant listed in LAC 33:III.51.12, Table 51.1 and less than 25 tons per year or more of any combination of toxic air pollutants listed in LAC 33:III.51.12, Table 51.1. Thus, the facility is not a major source.
EQT12 - T-2 – Gasoline Storage Tank	Chemical Accident Prevention and Minimization of Consequences [LAC 33:III.5901] Storage of Volatile Organic Compounds [LAC 33:III2103]	DOES NOT APPLY. The facility does not process more than the threshold quantity of a regulated pollutant. DOES NOT APPLY. Vapor pressure less than 1.5 psia.
	NSPS Subpart K – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110]	DOES NOT APPLY. Tank capacity <40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110a]	DOES NOT APPLY. Tank capacity <40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110b]	DOES NOT APPLY. Tank stores a liquid with a vapor pressure <0.5 psia and tank capacity <40,000 gallons.
	NSPS Subpart K – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110]	DOES NOT APPLY. Tank capacity <40,000 gallons.
	NSPS Subpart Ka – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110a]	DOES NOT APPLY. Tank capacity <40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110b]	DOES NOT APPLY. Tank capacity <40,000 gallons.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
GRP02 - M-3 Gas -IC Engines - Gas	Emission Standards for Sulfur Dioxide [LAC 33:III, Chapter 15]	DOES NOT APPLY. The single point sources emit less than 5 tons per year of sulfur dioxide into the atmosphere.
GRP03 - M-3 Diesel -IC Engines- Diesel	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines [40 CFR 60 Subpart IIIJ]	DOES NOT APPLY. Engines are Non-road Engines per 40 CFR 1068.30. These engines will not remain at a single site at a building, structure, facility or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform that or a similar function as the engine replaced will be included in calculating the consecutive time period.
GRP03 - M-3 Gas -IC Engines - Gas	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines [40 CFR 60 Subpart III]	DOES NOT APPLY. Engines are Non-road Engines per 40 CFR 1068.30. These engines will not remain at a single site at a building, structure, facility or installation for more than 12 consecutive months. Any engine (or engines) that replaces an engine at a location and that is intended to perform that or a similar function as the engine replaced will be included in calculating the consecutive time period.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information

AI ID: 12241 Waste Management of LA LLC - Magnolia Sanitary Landfill
Activity Number: PER20080001
Permit Number: 2160-00075-V3
Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	RAL-017	Recognized Asbestos Landfill	Asbestos	12-12-2006
	2160-00075	Waste Management of LA LLC - Magnolia Sanitary Landfill	CDS Number	05-27-1993
	36-4119910	Federal Tax ID	Federal Tax ID	11-21-1999
	72-0688175	Federal Tax ID	Federal Tax ID	11-21-1999
	LAD98161203	Magnolia Sanitary Landfill	Hazardous Waste Notification	12-17-1999
	LA0075817	LPDES #	LPDES Permit #	05-22-2003
	LAG490032	LPDES #	LPDES Permit #	02-19-2003
	LAR05M223	LPDES #	LPDES Permit #	08-08-2004
	LAR05M224	LPDES #	LPDES Permit #	05-22-2003
	WP11110	LWDPS #	LWDPS Permit #	05-25-2003
	D-073-1848	Waste Management of N America	Solid Waste Facility No.	01-08-2002
	19980	Waste Management Inc	TEMPO Merge	12-16-2000
	43862	Waste Management of LA LLC	TEMPO Merge	05-29-2001
	43863	Waste Management of LA LLC	TEMPO Merge	03-12-2001
Physical Location:		1000 Russell Sage Rd Monroe, LA 71202	Main FAX: Main Phone:	3183453721 3183435636
Mailing Address:		PO Box 13467 Monroe, LA 71213-33467		
Location of Front Gate:		32.481028 latitude, -91.990464 longitude. Coordinate Method: Lat/Long . DMS, Coordinate Datum: NAD83		
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Gabe Landry	PO Box 13467 Monroe, LA 71213	glandry@wm.com (E)	Emission Inventory Contact for
	Gabe Landry	PO Box 13467 Monroe, LA 71213	3183812297 (WP)	Emission Inventory Contact for
	Lyle Lewis	1515 Hwy 837 Downsville, LA 71234		Employed by
	David Myhan	1450 Country Club Dr Jackson, MS 39209		Responsible Official for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Waste Management of LA LLC	PO Box 13467 Monroe, LA 712133467	3183435636 (WP)	Operates
	Waste Management of LA LLC	PO Box 13467 Monroe, LA 712133467	3183435636 (WP)	Owns
	Waste Management of LA LLC	PO Box 13467 Monroe, LA 712133467	3183435636 (WP)	Emission Inventory Billing Party
	Waste Management of LA LLC	PO Box 13467 Monroe, LA 712133467	3183435636 (WP)	Air Billing Party for
	Waste Management of LA LLC	PO Box 13467 Monroe, LA 712133467	3183435636 (WP)	Water Billing Party for

General Information

AI ID: 12241 Waste Management of LA LLC - Magnolia Sanitary Landfill

Activity Number: PER20080001

Permit Number: 2160-00075-V3

Air - Title V Regular Permit Renewal

NAIC Codes:

562212, Solid Waste Landfill

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Millam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 12241 - Waste Management of LALLC - Magnolia Sanitary Landfill
Activity Number: PER20080001
Permit Number: 2160-00075-V3
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Magnolia Recycling & Disposal Facility						
ARE 0002	LFG - Landfill Gas Emissions		4822 SCFM	3755 SCFM		8760 hr/yr
EOT 0001	M-1A - Landfill Gas Flare		40 horsepower	40 horsepower		8760 hr/yr
EQT 0003	M-3A - Air Compressor No. 1 (Diesel-fired)		12 horsepower	12 horsepower		3100 hr/yr
EQT 0004	M-3B - Air Compressor No. 2 (Gas-fired)		3 horsepower	3 horsepower		1550 hr/yr
EQT 0005	M-3C - Water Pump No. 1 (Gas-fired)		3 horsepower	3 horsepower		1550 hr/yr
EQT 0006	M-3D - Water Pump No. 2 (Gas-fired)		3 horsepower	3 horsepower		1550 hr/yr
EQT 0007	M-3E - Pressure Washer (Gas-fired)		5 horsepower	5 horsepower		1550 hr/yr
EQT 0011	T-1 - Diesel Storage Tank	10150 gallons	750000 gallons/yr	100000 gallons/yr		8760 hr/yr
EQT 0012	T-2 - Gasoline Storage Tank	1000 gallons	15600 gallons/yr	5000 gallons/yr		8760 hr/yr
EQT 0013	M-3G - Light Plant (Diesel-fired)		30 horsepower	30 horsepower		3100 hr/yr
EQT 0014	M-3H - Diesel Pump No. 1		40 horsepower	40 horsepower		3100 hr/yr
EQT 0015	M-3I - Diesel Pump No. 2		40 horsepower	40 horsepower		3100 hr/yr
EQT 0016	M-3J - Portable Generator (Gas-fired)		11 horsepower	11 horsepower		1550 hr/yr
EQT 0017	M-3K - Generator (Diesel-fired)		40 horsepower	40 horsepower		3100 hr/yr
FUG 0001	M-1 - Landfill Gas Fugitives					8760 hr/yr
FUG 0002	M-5 - Fugitive Particulates					3744 hr/yr
FUG 0003	M-4 - Solidification Basin					3744 hr/yr
FUG 0004	M-2 - Leachate Storage and Handling					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Magnolia Recycling & Disposal Facility							
EQT 0001	M-1A - Landfill Gas Flare	74.1	4417	1			34
EQT 0011	T-1 - Diesel Storage Tank	.92		.21			13.8
EQT 0012	T-2 - Gasoline Storage Tank	.5	1.6	.25			4
EQT 0014	M-3H - Diesel Pump No. 1						80
FUG 0001	M-1 - Landfill Gas Fugitives						0
FUG 0002	M-5 - Fugitive Particulates						0
FUG 0003	M-4 - Solidification Basin						0
FUG 0004	M-2 - Leachate Storage and Handling						0

Relationships:

INVENTORIES

AI ID: 12241 - Waste Management of LA LLC - Magnolia Sanitary Landfill
 Activity Number: PER2008001
 Permit Number: 2160-00075-V3
 Air - Title V Regular Permit Renewal

Subject Item Groups:

ID	Group Type	Group Description
GRP 0002	Equipment Group	M-3 Gas - IC Engines - Gas
GRP 0003	Equipment Group	M-3 Diesel - IC Engines - Diesel
UNF 001	Unit or Facility Wide	- Magnolia Recycling & Disposal Facility

Group Membership:

ID	Description	Member of Groups
EQT 0003	M-3A - Air Compressor No. 1 (Diesel-fired)	GRP0000000003
EQT 0004	M-3B - Air Compressor No. 2 (Gas-fired)	GRP0000000002
EQT 0005	M-3C - Water Pump No. 1 (Gas-fired)	GRP0000000002
EQT 0006	M-3D - Water Pump No. 2 (Gas-fired)	GRP0000000002
EQT 0007	M-3E - Pressure Washer (Gas-fired)	GRP0000000002
EQT 0013	M-3G - Light Plant (Diesel-fired)	GRP0000000003
EQT 0014	M-3H - Diesel Pump No. 1	GRP0000000003
EQT 0015	M-3I - Diesel Pump No. 2	GRP0000000003
EQT 0016	M-3J - Portable Generator (Gas-fired)	GRP0000000002
EQT 0017	M-3K - Generator (Diesel-fired)	GRP0000000003

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source 1525 Sanitary Landfill (Planned Capacity)	Multiplier 13.2	Units Of Measure MM Mg
1525		AI 12241 UNF 001	

SIC Codes:

4953	Refuse systems	AI 12241
4953	Refuse systems	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 12241 - Waste Management of LA LLC - Magnolia Sanitary Landfill
 Activity Number: PER2008001
 Permit Number: 2160-00075-V3
 Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Magnolia Recycling & Disposal Facility															
EQT 0001 N-1A	34.19	42.73	149.74	6.28	7.85	27.52	1.57	1.96	6.88	1.41	1.77	6.20	0.07	0.09	0.32
EQT 0003 N-3A		0.27			1.24			0.09			0.08			0.10	
EQT 0004 N-3B		5.27			0.13			0.01			0.01			0.26	
EQT 0005 N-3C		1.32			0.03			0.002			0.002			0.06	
EQT 0006 N-3D		1.32			0.03			0.002			0.002			0.06	
EQT 0007 N-3E		2.20			0.06			0.004			0.003			0.11	
EQT 0011 T-1														0.002	0.002
EQT 0012 T-2														0.04	0.04
EQT 0013 N-3G		0.20			0.93			0.07			0.06			0.10	
EQT 0014 N-3H		0.27			1.24			0.09			0.08			0.10	
EQT 0015 N-3I		0.27			1.24			0.09			0.08			0.10	
EQT 0016 N-3J		4.83			0.12			0.01			0.01			0.24	
EQT 0017 N-3K		0.27			1.24			0.09			0.08			0.10	
FUG 0001 N-1	0.62	0.78	2.72											2.82	3.53
FUG 0002 N-5							7.46	7.46	13.96						
FUG 0003 N-4								0.17	0.17	0.32					
FUG 0004 N-2														0.78	3.41
GRP 0002 N-3 Gas	14.93	11.57	0.37		0.29	0.02		0.02	0.02					0.02	0.45
GRP 0003 N-3 Diesel	1.27	1.97	5.89		9.13	0.42		0.65	0.39		0.60			0.56	0.86

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 12241 - Waste Management of LA LLC - Magnolia Sanitary Landfill
 Activity Number: PER20080001
 Permit Number: 2160-00075-V3
 Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0001 M-1A	1,1,1-Trichloroethane	<0.001	<0.001	<0.01
	1,1,2,2-Tetrachloroethane	<0.001	<0.001	<0.01
	1,2-Dichloroethane	<0.001	0.001	<0.01
	1,2-Dichloropropane	<0.001	<0.001	<0.01
	Acrylonitrile	0.001	0.001	0.002
	Benzene	0.001	0.001	0.01
	Carbon disulfide	<0.001	<0.001	<0.01
	Carbonyl sulfide	<0.001	<0.001	<0.01
	Chlorobenzene	<0.001	0.001	0.001
	Chloroethane	0.001	0.001	<0.01
	Chloroform	<0.001	<0.001	<0.01
	Dichlorobenzene	<0.001	0.001	<0.01
	Dichloromethane	0.01	0.01	0.05
	Ethyl benzene	0.001	0.001	<0.01
	Hydrochloric acid	2.11	2.64	9.24
	Hydrogen sulfide	0.001	0.002	0.01
	Methyl chloride	0.001	0.001	<0.01
	Methyl ethyl ketone	0.001	0.001	<0.01
	Methyl isobutyl ketone	<0.001	<0.001	<0.01
EOT 0003 M-3A	Tetrachloroethylene	0.01	0.01	0.03
	Toluene	0.01	0.01	0.02
	Trichloroethylene	0.004	0.004	0.02
	Vinyl chloride	0.004	0.01	0.02
	Vinyldene chloride	<0.001	<0.001	<0.01
EOT 0012 T-2	Xylene (mixed isomers)	0.002	0.002	0.01
	n-Hexane	0.001	0.001	<0.01
	Acetaldehyde		<0.001	
	Benzene		0.001	
	Formaldehyde		0.001	
	Benzene	0.002	0.002	0.01
	Ethyl benzene	0.001	0.001	0.01
	Xylene (mixed isomers)	0.01	0.01	0.03
	n-Hexane	0.002	0.002	0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 12241 - Waste Management of LA LLC - Magnolia Sanitary Landfill

Activity Number: PER20080001

Permit Number: 2160-00075-V3

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EOT 0013 M-3G	Acetaldehyde		<0.001	
	Benzene		0.001	
	Formaldehyde		0.001	
EQT 0014 M-3H	Acetaldehyde		<0.001	
	Benzene		0.001	
	Formaldehyde		0.001	
EQT 0015 M-3I	Acetaldehyde		<0.001	
	Benzene		0.001	
	Formaldehyde		0.001	
EQT 0017 M-3K	Acetaldehyde		<0.001	
	Benzene		0.001	
	Formaldehyde		0.001	
FUG 0001 M-1	1,1,1-Trichloroethane	0.004	0.004	0.02
	1,1,2,2-Tetrachloroethane	<0.001	<0.001	<0.01
	1,2-Dichloroethane	0.01	0.01	0.03
	1,2-Dichloropropane	0.003	0.004	0.01
	Acrylonitrile	0.053	0.066	0.231
	Benzene	0.13	0.16	0.56
	Carbon disulfide	0.01	0.01	0.03
	Carbonyl sulfide	0.01	0.01	0.02
	Chlorobenzene	0.004	0.006	0.019
	Chloroethane	0.01	0.02	0.06
	Chloroform	0.001	0.001	<0.01
	Dichlorobenzene	0.01	0.01	0.02
	Dichloromethane	0.019	0.24	0.84
	Ethyl benzene	0.08	0.10	0.34
	Hydrogen sulfide	0.19	0.24	0.83
	Methyl chloride	0.01	0.01	0.04
	Methyl ethyl ketone	0.08	0.10	0.35
	Methyl isobutyl ketone	0.03	0.04	0.13
	Tetrachloroethylene	0.10	0.12	0.43
	Toluene	0.54	0.68	2.38
	Trichloroethylene	0.06	0.07	0.26

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 12241 - Waste Management of LA LLC - Magnolia Sanitary Landfill

Activity Number: PER20080001

Permit Number: 2160-00075-V3

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0001 M-1	Vinyl chloride	0.07	0.09	0.32
	Vinylidene chloride	0.003	0.004	0.01
	Xylene (mixed isomers)	0.20	0.25	0.88
	n-Hexane	0.09	0.11	0.39
FUG 0004 M-2	Benzene	0.001	0.001	0.01
	Carbon disulfide	0.002	0.002	0.01
	Ethyl benzene	0.002	0.002	0.01
	Methyl chloride	0.001	0.001	0.01
	Methyl ethyl ketone	0.38	0.38	1.65
	Methyl isobutyl ketone	0.002	0.002	0.01
	Toluene	0.01	0.01	0.04
	Vinyl chloride	0.001	0.001	<0.01
	Xylene (mixed isomers)	0.01	0.01	0.03
GRP 0003 M-3 Diesel	Acetaldehyde	<0.001		<0.01
	Benzene	<0.001		<0.01
	Formaldehyde	<0.001		<0.01
UNF 0001	1,1,1-Trichloroethane			0.03
	1,1,2,2-Tetrachloroethane			<0.02
	1,2-Dichloroethane			0.04
	1,2-Dichloropropane			0.02
	Acetaldehyde			0.01
	Acrylonitrile			0.233
	Benzene			0.60
	Carbon disulfide			0.05
	Carbonyl sulfide			0.03
	Chlorobenzene			0.020
	Chloroethane			0.07
	Chloroform			<0.02
	Dichlorobenzene			0.03
	Dichloromethane			0.89
	Ethyl benzene			0.37
	Formaldehyde			0.01
	Hydrochloric acid			9.24

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 12241 - Waste Management of LA LLC - Magnolia Sanitary Landfill

Activity Number: PER20080001

Permit Number: 2160-00075-V3

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001	Hydrogen sulfide			0.84
	Methyl chloride			0.06
	Methyl ethyl ketone			2.01
	Methyl isobutyl ketone			0.15
	Tetrachloroethylene			0.46
	Toluene			2.44
	Trichloroethylene			0.28
	Vinyl chloride			0.35
	Vinyldene chloride			0.02
	Xylene (mixed isomers)			0.95
	n-Hexane			0.41

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 12241 - Waste Management of LA LLC - Magnolia Sanitary Landfill
Activity Number: PER20080001
Permit Number: 2160-00075-V3
Air - Title V Regular Permit Renewal

ARE 0002 LFG - Landfill Gas Emissions

- 1 [40 CFR 60.752(b)(2)(i)] Submit collection and control system design plan: Due within 1 year of NMOC emission rate reaching 50 Mg/yr or more. Plan must be prepared by a professional engineer. Ensure that the collection system and control system as described in the plan meet the design requirements of 40 CFR 60.752(b)(2)(ii). Include any proposed alternatives to the operational standards, test methods, procedures, compliance measures, monitoring, recordkeeping or reporting provisions of 40 CFR 60.753 through 60.758. Plan must either conform with specifications for active collection systems in 40 CFR 60.759 or include a demonstration to DEQ's satisfaction of the sufficiency of the alternative provisions to 40 CFR 60.759. Subpart WWW. [40 CFR 60.752(b)(2)(i)]
- 2 [40 CFR 60.752(b)(2)(ii)(A)(1)] Collection system: Ensure that the collection system is designed to handle the maximum **expected** gas flow rate from the entire area of the landfill that warrants control over the intended use period of the gas control or treatment system equipment. Subpart WWW. [40 CFR 60.752(b)(2)(ii)(A)(2)]
- 3 [40 CFR 60.752(b)(2)(ii)(A)(3)] Collection system: Collect gas from each area, cell, or group of cells in the landfill in which the **initial** solid waste has been placed for a period of 5 years or more if active, or 2 years or more if closed or at final grade. Subpart WWW. [40 CFR 60.752(b)(2)(ii)(A)(3)]
- 4 [40 CFR 60.752(b)(2)(ii)(A)(4)] Collection system: Collect gas at a sufficient extraction rate. Subpart WWW. [40 CFR 60.752(b)(2)(ii)(A)(4)]
- 5 [40 CFR 60.752(b)(2)(ii)(A)(4)] Collection system: Ensure that the collection system is designed to minimize off-site migration of subsurface gas. Subpart WWW. [40 CFR 60.752(b)(2)(ii)(A)(4)]
- 6 [40 CFR 60.752(b)(2)(ii)(A)(4)] Install a collection and control system that captures the gas generated within the landfill as required by 40 CFR 60.752(b)(2)(ii)(A) or (b)(2)(ii)(B) and (b)(2)(iii) within 30 months after the first annual report in which the emission rate equals or exceeds 50 Mg/yr, unless **Tier 2** or Tier 3 sampling demonstrates that the emission rate is < 50 Mg/yr, as specified in 40 CFR 60.757(c)(1) or (c)(2). Subpart WWW. [40 CFR 60.752(b)(2)(ii)(A)]
- 7 [40 CFR 60.752(b)(2)(iii)(A)] Route all the collected gas to an open flare designed and operated in accordance with 40 CFR 60.18. Subpart WWW. [40 CFR 60.752(b)(2)(iii)(A)]
- 8 [40 CFR 60.753(a)] Collection system: Operate such that gas is collected from each area, cell, or group of cells in the MSW landfill in which solid waste has been in place for 5 years or more if active, or 2 years or more if closed or at final grade. Subpart WWW. [40 CFR 60.753(a)]
- 9 [40 CFR 60.753(b)(1)] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of positive pressure. Record instances when positive pressure occurs in efforts to avoid a fire. Submit records with the annual reports as provided in 40 CFR 60.757(d)(1). Subpart WWW. [40 CFR 60.753(b)(1)]
- 10 [40 CFR 60.753(b)(2)] Develop acceptable pressure limits for geomembrane or synthetic covers in the design plan. Subpart WWW. [40 CFR 60.753(b)(2)]
- 11 [40 CFR 60.753(b)] Collection system (interior wellhead): Temperature < 55 C. Subpart WWW. [40 CFR 60.753(b)]
- 12 [40 CFR 60.753(c)] Collection system (interior wellhead): Nitrogen < 20 percent or Oxygen < 5%. Subpart WWW. [40 CFR 60.753(c)]
- 13 [40 CFR 60.753(c)] Collection system: Methane < 500 ppm above background at the surface of the landfill. Subpart WWW. [40 CFR 60.753(d)]
- 14 [40 CFR 60.753(d)] Collection system: Methane < 500 ppm above background at the surface of the landfill. Subpart WWW. [40 CFR 60.753(d)]
- 15 [40 CFR 60.753(d)] Conduct surface testing around the perimeter of the collection area and along a pattern that traverses the landfill at 30 meter intervals and where visual observations indicate elevated concentrations of landfill gas, to determine if the methane level is exceeded. Subpart WWW. [40 CFR 60.753(d)]

SPECIFIC REQUIREMENTS

AI ID: 12241 - Waste Management of LA LLC - Magnolia Sanitary Landfill
Activity Number: PER20080001
Permit Number: 2160-00075-V3
Air - Title V Regular Permit Renewal

ARE 0002_LFG - Landfill Gas Emissions

- 16 [40 CFR 60.753(e)] Collection system: Operate such that all collected gases are vented to a control system designed and operated in compliance with 40 CFR 60.752(b)(2)(iii). Shut down the gas mover system and close all valves contributing to venting of gas to atmosphere within 1 hour if the collection or control system is inoperable. Subpart WWW. [40 CFR 60.753(e)]
- 17 [40 CFR 60.755(a)] Collection system: Use the methods specified in 40 CFR 60.755(a)(1) through (a)(6) to determine whether the gas collection system is in compliance with 40 CFR 60.752(b)(2)(ii), except as provided in 60.752(b)(2)(i)(B). Subpart WWW. [40 CFR 60.755(a)]
- 18 [40 CFR 60.755(b)] Collection system: Place each well or design component as specified in the approved design plan as provided in 40 CFR 60.752(b)(2)(i). Install each well no later than 60 days after the date on which the initial solid waste has been in place for a period of 5 years or more if active, or 2 years or more if closed or at final grade. Subpart WWW. [40 CFR 60.755(b)]
- 19 [40 CFR 60.755(c)] Methane monitored by portable analyzer quarterly. Monitor surface concentrations of methane along the entire perimeter of the collection area and along a pattern that traverses the landfill at 30 meter intervals (or a site-specific established spacing) for each collection area. If a reading of 500 ppm or more above background is measured, implement the procedures specified in 40 CFR 60.755(c)(4)(i) through (c)(4)(v). Subpart WWW. [40 CFR 60.755(c)]
- 20 [40 CFR 60.755(c)] Which Months: All Year Statistical Basis: None specified Implement a program to monitor for cover integrity and implement cover repairs as necessary on a monthly basis. Subpart WWW. [40 CFR 60.755(c)]
- 21 [40 CFR 60.756(a)(1)] Pressure monitored by pressure instrument monthly. Measure the gauge pressure in the gas collection header of each individual well as provided in 40 CFR 60.755(a)(3). Subpart WWW. [40 CFR 60.756(a)(1)]
- 22 [40 CFR 60.756(a)(2)] Which Months: All Year Statistical Basis: None specified Nitrogen or Oxygen monitored by technically sound method monthly at each individual well, as provided in 40 CFR 60.755(a)(5). Subpart WWW. [40 CFR 60.756(a)(2)]
- 23 [40 CFR 60.756(a)(3)] Which Months: All Year Statistical Basis: None specified Temperature monitored by temperature monitoring device monthly. Monitor the temperature of the landfill gas at each individual well as provided in 40 CFR 60.755(a)(5). Subpart WWW. [40 CFR 60.756(a)(3)]
- 24 [40 CFR 60.757(b)(1)] Which Months: All Year Statistical Basis: None specified Submit NMOC emission rate report: Due initially and annually thereafter, except as provided for in 40 CFR 60.757(b)(1)(ii) or (b)(3). Include an annual or 5-year estimate of the NMOC emission rate calculated using the formula and procedures provided in 40 CFR 60.754(a) or (b), as applicable, and all the data, calculations, sample reports and measurements used to estimate the annual or 5-year emissions. Subpart WWW. [40 CFR 60.757(b)(1)]
- 25 [40 CFR 60.757(c)] Submit collection and control system design plan: Due within 1 year of the first NMOC emission rate report required under 40 CFR 60.757(b) in which the emission rate equals or exceeds 50 megagrams per year, except as provided in 40 CFR 60.757(c)(1) and (c)(2). Subpart WWW. [40 CFR 60.757(c)]
- 26 [40 CFR 60.757(d)] Submit closure report: Due within 30 days of waste acceptance cessation. Do not place additional wastes into the landfill after submitting a closure report without filing a notification of modification as described under 40 CFR 60.7(a)(4). Subpart WWW. [40 CFR 60.757(d)]
- 27 [40 CFR 60.757(f)] Submit report: Due annually. Submit reports of the recorded information in 40 CFR 60.757(f)(1) through (f)(6). Subpart WWW. [40 CFR 60.757(f)]
- 28 [40 CFR 60.757(g)] Include the information in 40 CFR 60.757(g)(1) through (g)(6) with the initial performance test report required under 40 CFR 60.8. Subpart WWW. [40 CFR 60.757(g)]

SPECIFIC REQUIREMENTS**AI ID: 12241 - Waste Management of LA LLC - Magnolia Sanitary Landfill****Activity Number: PER20080001****Permit Number: 2160-00075-V3****Air - Title V Regular Permit Renewal****ARE 0002 LFG - Landfill Gas Emissions**

- 29 [40 CFR 60.758] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 60.758(a) through (f), as applicable. Subpart WWW.
- 30 [40 CFR 60.759(a)] Collection system: Site active collection wells, horizontal collectors, surface collectors, or other extraction devices at a sufficient density throughout all gas producing areas using the procedures specified in 40 CFR 60.759(a)(1) through (a)(3), unless alternative procedures have been approved by DEQ as provided in 40 CFR 60.752(b)(2)(i)(C) and (b)(2)(i)(D). Subpart WWW. [40 CFR 60.759(a)]
- 31 [40 CFR 60.759(b)] Collection system: Construct using the equipment and procedures specified in 40 CFR 60.759(b)(1) through (b)(3). Subpart WWW. [40 CFR 60.759(b)]
- 32 [40 CFR 60.759(c)] Collection system: Convey the landfill gas to a control system in compliance with 40 CFR 60.752(b)(2)(iii) through the collection header pipe(s). Ensure that the gas mover equipment is sized to handle the maximum gas generation flow rate expected over the intended use period of the gas moving equipment using the procedures specified in 40 CFR 60.759(c)(1) and (c)(2). Subpart WWW. [40 CFR 60.759(c)]
- 33 [40 CFR 63.1955(a)(1)] Comply with the requirements of 40 CFR 60 Subpart WWW. Subpart AAAA. [40 CFR 63.1955(a)(1)]
- 34 [40 CFR 63.1960] Develop a written SSM plan according to the provisions in 40 CFR 63.6(e)(3). Maintain a copy of the SSM plan on site. Subpart AAAA.

EQT 0001 M-1A - Landfill Gas Flare

- 35 [40 CFR 60.18(c)(1)] Design and operate for no visible emissions, as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 60.18(c)(1)]
- 36 [40 CFR 60.18(c)(2)] Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2). Subpart A. [40 CFR 60.18(c)(2)]
- 37 [40 CFR 60.18(c)(3)(i)(A)] Diameter ≥ 3 in, nonassisted, hydrogen content 8.0 percent (by volume) or greater, and designed for and operated with an exit velocity less than 122 ft/sec (37.2 m/sec) and less than the velocity, Vmax, as determined by the specified equation. Subpart A. [40 CFR 60.18(c)(3)(i)(A)]
- Which Months: All Year Statistical Basis: None specified
- Determine the actual exit velocity by the method specified in 40 CFR 60.18(f)(4). Subpart A. [40 CFR 60.18(c)(3)(i)(B)]
- Monitor flares to ensure that they are operated and maintained in conformance with their designs. Applicable subparts will provide provisions stating how to monitor flares. Subpart A. [40 CFR 60.18(d)]
- Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 60.18(e)]
- Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flare pilot flame. Subpart A. [40 CFR 60.18(f)(2)]
- Which Months: All Year Statistical Basis: None specified
- Ensure flare is designed and operated in accordance with 40 CFR 60.18. Subpart WWW. [40 CFR 60.752(b)(2)(iii)(A)]
- Operate at all times when the collected gas is routed to the system. Subpart WWW. [40 CFR 60.753(f)]
- Presence of a flame monitored by heat sensing device continuously. Subpart WWW. [40 CFR 60.756(c)(1)]
- Which Months: All Year Statistical Basis: None specified
- Submit equipment removal report: Due 30 days prior to removal or cessation of operation of the control equipment. Include the information specified in 40 CFR 60.757(e)(1)(i) through (e)(1)(iii). Subpart WWW. [40 CFR 60.757(e)]
- Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 60.758(a) through (f), as applicable. Subpart WWW.

SPECIFIC REQUIREMENTS

AI ID: 12241 - Waste Management of LA LLC - Magnolia Sanitary Landfill
Activity Number: PER20080001
Permit Number: 2160-00075-V3
Air - Title V Regular Permit Renewal

EQT 0001 M-1A - Landfill Gas Flare

- 47 [LAC 33:III.1105] Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT 0012 T-2 - Gasoline Storage Tank

- 50 [LAC 33:III.2103.A] Equip with a submerged fill pipe.
 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

FUG 0002 M-5 - Fugitive Particulates

- 53 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

FUG 0003 M-4 - Solidification Basin

- 54 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

GRP 0002 M-3 Gas - IC Engines - Gas

- Group Members: EQT 0004 EQT 0005 EQT 0006 EQT 0007 EQT 0016
 55 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average

SPECIFIC REQUIREMENTS

AI ID: 12241 - Waste Management of LA LLC - Magnolia Sanitary Landfill
 Activity Number: PER20080001
 Permit Number: 2160-00075-V3
 Air - Title V Regular Permit Renewal

GRP 0002 M-3 Gas - IC Engines - Gas

- 57 [LAC 33:III.501.C.6] Equipment/operational data: <= 52,700 horsepower hours from gasoline-fired, internal combustion engine-driven equipment. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if total horsepower hours exceeds the maximum listed in this specific condition for any twelve consecutive month period. [State Only].
- 58 [LAC 33:III.507.II.1.a] Equipment/operational data monitored by technically sound method continuously. Monitor all gasoline-fired, internal combustion engine-driven equipment for operating hours and associated engine horsepower rating as necessary. [State Only].
- 59 [LAC 33:III.507.II.1.a] Which Months: All Year Statistical Basis: None specified Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total operating horsepower hours each month, as well as the total operating horsepower hours for the last twelve months for all gasoline-fired, internal combustion driven equipment. Make records available for inspection by DEQ personnel. [State Only].
- 60 [LAC 33:III.507.II.1.a] Submit report: Due annually, by the 31st of March. Report the operating horsepower hours for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [State Only].

GRP 0003 M-3 Diesel - IC Engines - Diesel

Group Members: EQT 0001EQT 0013EQT 0014EQT 0015EQT 0017

- 61 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 62 [LAC 33:III.1311.C] Which Months: All Year Statistical Basis: None specified Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 63 [LAC 33:III.501.C.6] Which Months: All Year Statistical Basis: Six-minute average Equipment/operational data: <= 589,000 horsepower hours from diesel-fired, internal combustion engine-driven equipment. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if total horsepower hours exceeds the maximum listed in this specific condition for any twelve consecutive month period. [State Only].
- 64 [LAC 33:III.507.II.1.a] Equipment/operational data monitored by technically sound method continuously. Monitor all diesel-fired, internal combustion engine-driven equipment for operating hours and associated engine horsepower rating as necessary. [State Only].
- 65 [LAC 33:III.507.II.1.a] Which Months: All Year Statistical Basis: None specified Submit report: Due annually, by the 31st of March. Report the operating horsepower hours for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [State Only].
- 66 [LAC 33:III.507.II.1.a] Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total operating horsepower hours each month, as well as the total operating horsepower hours for the last twelve months for all diesel-fired, internal combustion engine-driven equipment. Make records available for inspection by DEQ personnel. [State Only].

UNF 0001 - Magnolia Recycling & Disposal Facility

SPECIFIC REQUIREMENTS**AI ID: 12241 - Waste Management of LA LLC - Magnolia Sanitary Landfill****Activity Number: PER20080001****Permit Number: 2160-00075-V3****Air - Title V Regular Permit Renewal****UNF 0001 - Magnolia Recycling & Disposal Facility**

67 [40 CFR 60.]

68 [40 CFR 61.154(f)]

All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Maintain, until closure, records of the location, depth and area, and quantity in cubic yards (cubic meters) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area. Subpart M [LAC 33:III.5151.N.6]. [40 CFR 61.154(f)]

Submit report. Due to the Office of Environmental Services, DEQ upon closure of the facility. Submit a copy of records of asbestos waste disposal locations and quantities. Subpart M [LAC 33:III.5151.N.8]. [40 CFR 61.154(h)]

Submit written notification. Due to the Office of Environmental Services, DEQ at least 45 days prior to excavating or otherwise disturbing any asbestos-containing waste material that has been deposited at a waste disposal site and is covered. If the excavation will begin on a date other than the one contained in the original notice, provide notice of the new start date to DEQ at least 10 working days before excavation begins and in no event begin excavation earlier than the date specified in the original notification. Include the information specified in 40 CFR 61.154(j)(1) through (j)(4) in the notice. Subpart M [LAC 33:III.5151.N.10]. [40 CFR 61.154(j)]

Comply with all the provisions of LAC 33:III.5151.K upon closure. [40 CFR 61.5151(N)(7)]

All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.

All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 1 of 40 CFR 63 Subpart AAAA.

74 [LAC 33:III.1103]

75 [LAC 33:III.1303.B]

Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.1111 or intensify an existing traffic hazard condition are prohibited.

Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.

Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.

Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.

Ensure that there are no visible emissions to the outside air when disposing of asbestos-containing waste material.

Install and maintain warning signs and fencing as specified in LAC 33:III.5151.N.2.a through c.

At the end of each operating day, or at least once every 24 hour period while the site is in continuous operation, cover the asbestos-containing waste material that has been deposited at the site during the operating day or previous 24 hour period with at least 6 inches (15 centimeters) of compacted nonasbestos-containing material.

Submit written report: Due to DEQ by the following working day after the presence of a significant amount of improperly enclosed or uncovered waste is discovered. Submit a copy of the waste shipment record (ADV-F) along with the report.

76 [LAC 33:III.2113.A]

77 [LAC 33:III.219]

78 [LAC 33:III.5105.A.1]

79 [LAC 33:III.5151.N.1]

80 [LAC 33:III.5151.N.2]

81 [LAC 33:III.5151.N.3.a]

82 [LAC 33:III.5151.N.5.a.iv]

SPECIFIC REQUIREMENTS

AI ID: 12241 - Waste Management of LA LLC - Magnolia Sanitary Landfill
Activity Number: PER20080001
Permit Number: 2160-00075-V3
Air - Title V Regular Permit Renewal

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- 83 [LAC 33:III.5151.N.5.a] Equipment/operational data recordkeeping by electronic or hard copy before disposal. Maintain waste shipment records, using the ADVF Form and include the information specified in LAC 33:III.5151.N.5.a.i through v.
- 84 [LAC 33:III.5151.N.5.b] Send a copy of the signed ADVF to the waste generator and to the Office of Environmental Services, DEQ as soon as possible and no longer than 30 days after the receipt of the waste.
- 85 [LAC 33:III.5151.N.5.c] Submit written report: Due to the Office of Environmental Services, DEQ within 15 days after receiving a waste shipment if a discrepancy between the quantity of waste designated on the ADVF and the quantity actually received cannot be reconciled. Describe the discrepancy and attempts to reconcile it, and submit a copy of the ADVF along with the report.
- 86 [LAC 33:III.5151.N.5.c] Upon discovering a discrepancy between the quantity of waste designated on the ADVF and the quantity actually received, attempt to reconcile the discrepancy with the waste generator.
- 87 [LAC 33:III.5151.N.5.d] Retain a copy of all records and reports required by LAC 33:III.5151.N for at least two years.
- 88 [LAC 33:III.5151.N.9] Furnish upon request and make available during normal business hours for inspection by DEQ, all records required under LAC 33:III.5151.N.
- 89 [LAC 33:III.535] Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537.
- 90 [LAC 33:III.5609.A.1.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 5 when the administrative authority declares an Air Pollution Alert.
- 91 [LAC 33:III.5609.A.2.b] Activate the preplanned strategy listed in LAC 33:III.5611. Table 6 when the administrative authority declares an Air Pollution Warning.
- 92 [LAC 33:III.5609.A.3.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611. Table 7 when the administrative authority declares an Air Pollution Emergency.
- 93 [LAC 33:III.5609.A] Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency.
- 94 [LAC 33:III.919.D] Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611. Tables 5, 6, and 7.
- Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.